

MATCHED PAIR
MICROPHONE

EM-23979-D52
SHEET 2.1

PAIR	CONSIST OF:
EM-23979-D52	(2) EM-24346-D52

BOTH MICROPHONES OF THE PAIR ARE TESTED TO EM-24346-D52 SHT 2.1 AND THEN MATCHED TO THE OTHER MICROPHONE USING THE SPECIFICATION AND CONDITIONS BELOW:

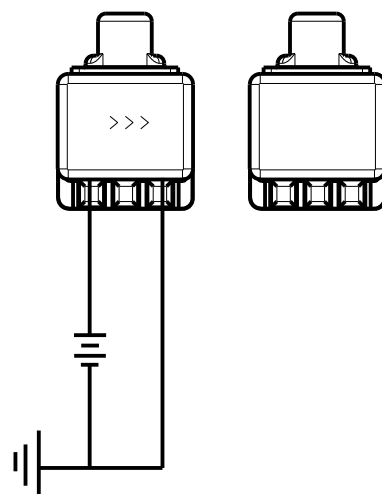
FREQUENCY	TEST TYPE	RANGE OF DEVIATION BETWEEN MICROPHONES	UNITS
200 Hz	PHASE	2.0 MAX.	DEGREES
1000 Hz	SENSITIVITY	2.0 MAX.	dB
PEAK	FREQUENCY	250.0 MAX.	Hz
PEAK	SENS (REL 1 kHz)	1.5 MAX.	dB

PORT LOCATION: 12SL

NOTES:

- DC SUPPLY VOLTAGE 1.3 VDC.
- SENSITIVITY AND PHASE VALUES INDICATED ARE VALID AT 50% RH.
- TEST WITH NO LOAD COUPLED TO THE OUTPUT TERMINAL. SEE SCHEMATIC.

>>> SHOWS
MICROPHONE WITH THE
GREATER RESPONSE PHASE
VALUE AT 200 Hz.



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	MI0103647	4-22-10	Active	C
B	MI0102912	8-4-09		
A	MI0100800	10-6-05		

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION

TITLE: **MICROPHONE PAIR**
PERFORMANCE SPECIFICATION

EM-23979-D52
SHT 2.1

DR. BY	DATE
AB	10-6-05
CK. BY	DATE
GJP	10-10-05
APP. BY	DATE
GJP	10-10-05